Docket No. 239538US0X/hc

IN THE UNITED SPATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Andreas BECKMANN, et al.

OCT 2 9 2003

SERIAL NO: 10/634,894

GAU:

FILED:

August 6, 2003

EXAMINER:

FOR:

OLIGOMERIZATION OF ISOBUTENE IN N-BUTENIC HYDROCARBON STREAMS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references, some of which are cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

CHAPT E

Norman F Oble

Registration No. 24,618

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Rohitha Jayasuriya Registration No. 50,385 Docket No.

239538US0X/hc

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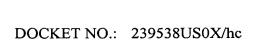
Norman F. Oblon

Registration No. 24,618

Customer Number

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Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03) Rohitha Jayasuriya Registration No. 50,385



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STREAMS

STATEMENT OF RELEVANCY

References AC through AP and AR through BH on Form 1449 are discussed in the specification.

OCT 2 9 2003 SHEET OF 2 ATTYOOCKET NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEM FICE TRADE 338USOX SERIAL NO. Form PTO 1449 (Modified) 10/634,894 **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Andreas BECKMANN, et al. **FILING DATE GROUP** August 6, 2003 **U.S. PATENT DOCUMENTS EXAMINER DOCUMENT** SUB FILING DATE DATE NAME **CLASS CLASS** IF APPROPRIATE INITIAL NUMBER AA 5,994,601 11/30/1999 F. NIERLICH, et al. AB 5,177,282 01/05/1993 F. NIERLICH, et al. 3,518,323 06/30/1970 L. A. PINE, et al. AC AD 3,531,539 09/29/1970 C. M. TIDWELL ΑE 3,832,418 08/27/1974 P. G. BERCIK, et al. W. G. BOWMAN, et al. AF 4,100,220 07/11/1978 AG 4,197,185 04/08/1980 J-F. LE PAGE, et al. AΗ 4,375,576 03/01/1983 L. A. SMITH, JR. ΑI 4,447,668 05/08/1984 L. A. SMITH, JR., et al. 4,720,600 01/19/1988 J. H. BEECH, JR., et al. AJ 03/26/1991 ΑK 5,003,124 L. A. SMITH, JR., et al. AL 5,723,687 03/03/1998 M. MARCHIONNA, et al. AM 5,877,372 03/02/1999 T. I. EVANS, et al. 08/14/2001 AN 6,274,783 G. R. GILDERT, et al. AO US 2002/0002316 A1 01/03/2002 M. DI GIROLAMO, et al. **FOREIGN PATENT DOCUMENTS** DOCUMENT TRANSLATION DATE COUNTRY NUMBER NO YES ΑP WO 01/51435 07/19/2001 AQ WO 02/064531 08/22/2002 WIPO (with English Abstract) Х 0 048 893 04/07/1982 **EUROPE** Х AR Х AS 0 224 220 06/03/1987 **EUROPE** Х AT 0 325 144 07/26/1989 **EUROPE** 0 417 407 03/20/1991 **EUROPE** Х AU ΑV 04/14/1993 0 536 839 **EUROPE** AW 1 074 534 02/07/2001 **EUROPE** ΑX 2 223 513 11/23/1972 **GERMANY** Х **GERMANY** Х AY 06/19/1980 28 53 769 Х ΑZ 29 44 457 05/14/1981 **GERMANY** BA 2 057 006 03/25/1981 **GREAT BRITAIN** BB 2 325 237 11/18/1998 **GREAT BRITAIN** WO 93/06926 04/15/1993 **WIPO** BC BD WO 01/81278 11/01/2001 **WIPO** Additional References sheet(s) attached Date Examiner Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

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SHEET 2 OF 2

Form PTO 1449		U.S. DEPARTMENT OF COMMERCE	ATTY DOCKET NO.	TRADEM	\$	SERIAL NO.
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LIST OF REFERENCES CITED BY APPLICANT			Andreas BECKMANN, et al.			
			FILING DATE			GROUP
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)						
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I	BF	B. SCHLEPPINGHOFF, Erdöl und Kohle-Erdgas-Petrochemie vereinigt mit Brennstoff-Chemie, vol. 27, no. 5, pages 240-245, "DIE GEWINNUNG VON C₄-FRAKTIONEN AUS ÄTHYLENANLAGEN UND DIE TECHNOLOGIE DER VERARBEITUNG VON C₄-KOHLENWASSERSTOFFEN", May 1974				
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